



SPYWOLF

Security Audit Report



Completed on
July 25, 2022

MADE IN USA 

@SPYWOLFNETWORK



@SPYWOLFNETWORK



SPYWOLF.CO





OVERVIEW

This audit has been prepared for **Sure Finance** to review the main aspects of the project to help investors make an informative decision during their research process.

You will find a summarized review of the following key points:

- ✓ Contract's source code
- ✓ Owners' wallets
- ✓ Tokenomics
- ✓ Team transparency and goals
- ✓ Website's age, code, security and UX
- ✓ Whitepaper and roadmap
- ✓ Social media & online presence

“

The results of this audit are purely based on the team's evaluation and does not guarantee nor reflect the projects outcome and goal

- SPYWOLF Team -

”





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Sure Finance



PROJECT DESCRIPTION

According to their whitepaper:

Sure finance will be ambitious project which will involve most aspects of the current blockchain technology. Launching CEX and DEX will be the prime focus of the Sure Finance project.

Future developments will be as follows – Sure CEX, Sure Barter (DEX), Sure Launchpad, Sure Wallet, Sure Metaverse, NFT oriented Sure blockchain.

Release Date: Presale starts on July, 2022

Category: NFT/DEX/CEX



CONTRACT INFO

Token Name
SURE FINANCE VI

Symbol
SURE

Contract Address
0xE0Cc79f170023cE82E29Bb5144787e20fFFB46b1

Network
Binance Smart Chain

Language
Solidity

Deployment Date
July 21, 2022

Verified?
Yes

Total Supply
100,000,000

Status
Not launched

TAXES

Buy Tax
7%

Sell Tax
7%

*Taxes can be changed in future



Our Contract Review Process

The contract review process pays special attention to the following:

- ✓ Testing the smart contracts against both common and uncommon vulnerabilities
- ✓ Assessing the codebase to ensure compliance with current best practices and industry standards.
- ✓ Ensuring contract logic meets the specifications and intentions of the client.
- ✓ Cross referencing contract structure and implementation against similar smart contracts produced by industry leaders.
- ✓ Thorough line-by-line manual review of the entire codebase by industry experts.

Blockchain security tools used:

- OpenZeppelin
- Mythril
- Solidity Compiler
- Hardhat



CURRENT STATS

(As of July 25, 2022)



Liquidity

Not added yet



Burn

No burnt tokens

Status:
Not Launched!

MaxTxAmount
No Limit

DEX:
PancakeSwap

LP Address(es)

Liquidity not added yet



TOKEN TRANSFERS STATS

Transfer Count	6
Uniq Senders	2
Uniq Receivers	6
Total Amount	140000000 SURE
Median Transfer Amount	10000000 SURE
Average Transfer Amount	23333333 SURE
First transfer date	2022-07-21
Last transfer date	2022-07-21
Days token transferred	1

SMART CONTRACT STATS

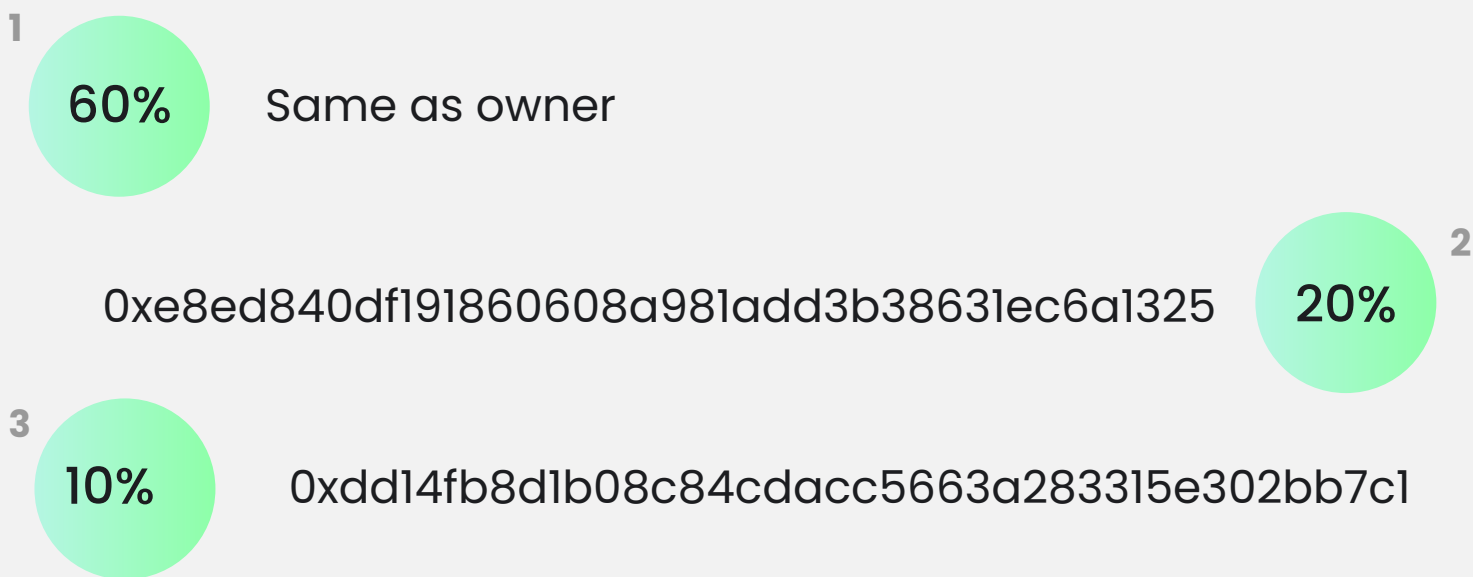
Calls Count	12
External calls	12
Internal calls	0
Transactions count	12
Uniq Callers	1
Days contract called	1
Last transaction time	2022-07-21 10:47:26 UTC
Created	2022-07-21 09:54:36 UTC
Create TX	0x502797a2ab578b96f867a254408143097d7e92cc6d9af40d102b1d26ccfd702d
Creator	0xb6126edfc2c9784436c9e7fce2987ac467dcd5f5



FEATURED WALLETS

Owner address	0xb6126edfc2c9784436c9e7fce2987ac467dcd5f5
Charity address	0xe586c617649979e67ce216533e55ed22f1ee6888
LP address	No liquidity added yet

TOP 3 UNLOCKED WALLETS





VULNERABILITY CHECK

Design Logic	Passed
Compiler warnings.	Passed
Private user data leaks	Passed
Timestamp dependence	Passed
Integer overflow and underflow	Passed
Race conditions and reentrancy. Cross-function race conditions	Passed
Possible delays in data delivery	Passed
Oracle calls	Passed
Front running	Passed
DoS with Revert	Passed
DoS with block gas limit	Passed
Methods execution permissions	Passed
Economy model	Passed
Impact of the exchange rate on the logic	Passed
Malicious Event log	Passed
Scoping and declarations	Passed
Uninitialized storage pointers	Passed
Arithmetic accuracy	Passed
Cross-function race conditions	Passed
Safe Zeppelin module	Passed
Fallback function security	Passed



THREAT LEVELS

When performing smart contract audits, our specialists look for known vulnerabilities as well as logical and access control issues within the code. The exploitation of these issues by malicious actors may cause serious financial damage to projects that failed to get an audit in time. We categorize these vulnerabilities by the following levels:

High Risk

Issues on this level are critical to the smart contract's performance/functionality and should be fixed before moving to a live environment.

Medium Risk

Issues on this level are critical to the smart contract's performance/functionality and should be fixed before moving to a live environment.

Low Risk

Issues on this level are minor details and warning that can remain unfixed.

Informational

Information level is to offer suggestions for improvement of efficacy or security for features with a risk free factor.



FOUND THREATS

⚠ Medium Risk

Owner can set buy/sell fees up to 25%.
Combined buy+sell=50%.

```
function setTaxFeePercent(uint256 taxFeeBps) external onlyOwner {
    _taxFee = taxFeeBps;
    require(
        _taxFee + _liquidityFee + _charityFee <= 10**4 / 4,
        "Total fee is over 25%"
    );
}

function setLiquidityFeePercent(uint256 liquidityFeeBps)
    external
    onlyOwner
{
    _liquidityFee = liquidityFeeBps;
    require(
        _taxFee + _liquidityFee + _charityFee <= 10**4 / 4,
        "Total fee is over 25%"
    );
}
```

- Recommendation:
 - Considered as good tax deduction practice is buy and sell fees combined not to exceed 25%.



Informational

Owner can exclude address from fees.

```
function excludeFromFee(address account) public onlyOwner {  
    _isExcludedFromFee[account] = true;  
}
```





RECOMMENDATIONS FOR

GOOD PRACTICES

1

Consider fundamental tradeoffs

2

Be attentive to blockchain properties

3

Ensure careful rollouts

4

Keep contracts simple

5

Stay up to date and track development

Sure Finance

GOOD PRACTICES FOUND

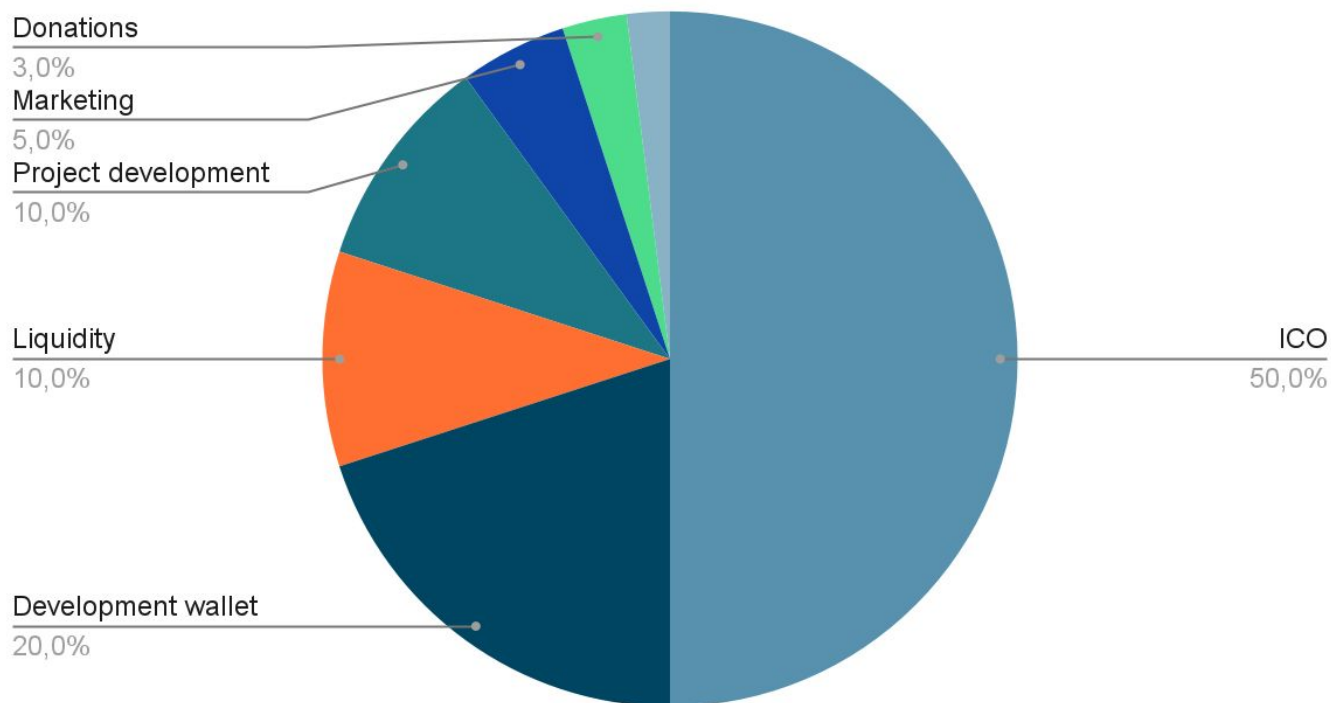
- ✓ The owner cannot mint new tokens after deployment
- ✓ The owner cannot stop or pause the contract
- ✓ The owner cannot set a transaction limit
- ✓ The smart contract utilizes "SafeMath" to prevent overflows



*The following tokenomics are based on the project's whitepaper and/or website:

- 50% - ICO
- 20% - Developer wallet
- 10% - Liquidity
- 10% - Project development
- 5% - Marketing
- 3% - Donations
- 2% - Rewards

Tokens distribution



TOKENOMICS



THE TEAM

! The team is
anonymous

KYC INFORMATION

! No KYC

We recommend the team to get a KYC in order to ensure trust and transparency within the community.





WEBSITE

Website URL

<https://surefinance.io/>

Domain Registry

<http://key-systems.net>

Domain Expiration

Expires on 2023-02-10

Technical SEO Test

Passed

Security Test

Passed. SSL certificate present

Design

Single page design,
appropriate color scheme
and graphics.

Content

The information helps new
investors understand what
the product does right away.
No grammar mistakes
found..

Whitepaper

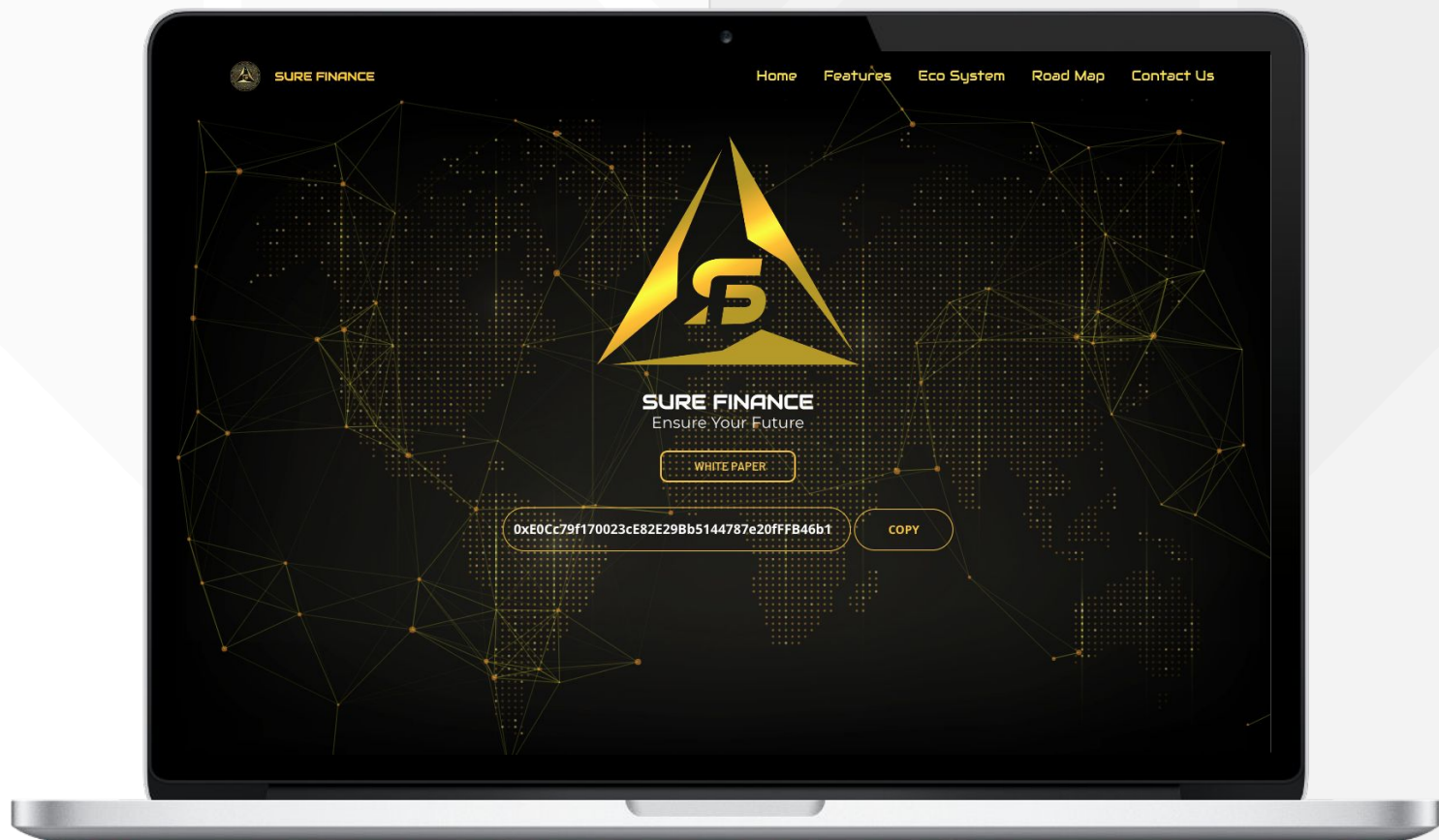
Well written, explanatory.

Roadmap

Yes, goals set with time
frames.

Mobile-friendly?

Yes



surefinance.io

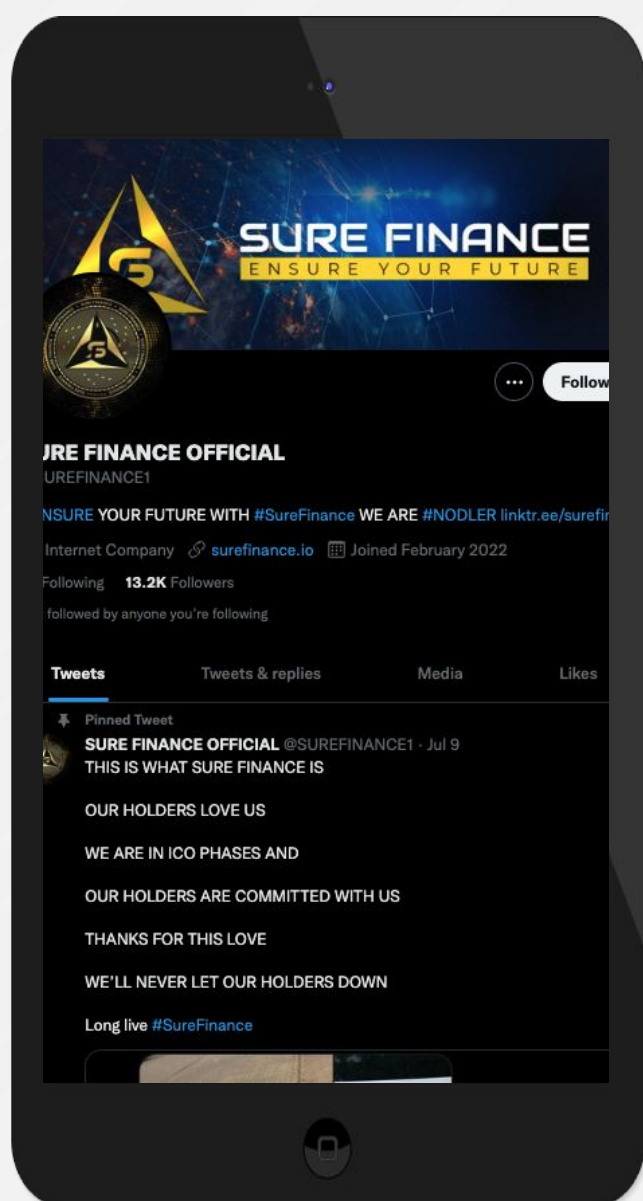


SOCIAL MEDIA & ONLINE PRESENCE



ANALYSIS

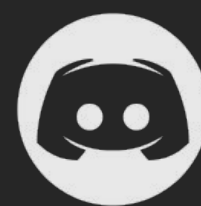
Project's social media activity is concentrated mainly in twitter and telegram.



Twitter

@SUREFINANCE1

- 13 200 followers
- Active
- Posts frequently



Discord

<https://discord.com/invite/5Rq2kZBTY4>

- 240 Members
- No active members ⚠
- No active mods ⚠



Telegram

@sure_finance_official_global

- 8 021 members
- Few active members
- Active mods



Medium

- Not available



SPYWOLF

CRYPTO SECURITY

Audits | KYCs | dApps
Contract Development

ABOUT US

We are a growing crypto security agency offering audits, KYCs and consulting services for some of the top names in the crypto industry.

- ✓ OVER 150 SUCCESSFUL CLIENTS
- ✓ MORE THAN 500 SCAMS EXPOSED
- ✓ MILLIONS SAVED IN POTENTIAL FRAUD
- ✓ PARTNERSHIPS WITH TOP LAUNCHPADS, INFLUENCERS AND CRYPTO PROJECTS
- ✓ CONSTANTLY BUILDING TOOLS TO HELP INVESTORS DO BETTER RESEARCH

To hire us, reach out to
contact@spywolf.co or
t.me/joe_SpyWolf

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Disclaimer

This report shows findings based on our limited project analysis, following good industry practice from the date of this report, in relation to cybersecurity vulnerabilities and issues in the framework and algorithms based on smart contracts, overall social media and website presence and team transparency details of which are set out in this report. In order to get a full view of our analysis, it is crucial for you to read the full report.

While we have done our best in conducting our analysis and producing this report, it is important to note that you should not rely on this report and cannot claim against us on the basis of what it says or doesn't say, or how we produced it, and it is important for you to conduct your own independent investigations before making any decisions. We go into more detail on this in the disclaimer below – please make sure to read it in full.

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No applications were reviewed for security. No product code has been reviewed.